

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. – 11. (Canceled)

12. (Previously Presented)) A glass-plate working apparatus comprising:

said apparatus for removing a film layer on a glass plate according to claim 6;

bend-breaking means for bend-breaking a glass plate whose film layer has been removed;

grinding means for grinding peripheries of the glass plate bend-broken by said bend-breaking means; and

transporting means for transporting the glass plate consecutively to said apparatus for removing a film layer, said bend-breaking means, and said grinding means.

13. (Original) The glass-plate working apparatus according to claim 12, wherein said bend-breaking means includes cutting means for forming a cut line for bend-breaking the glass plate whose film layer has been removed and press-breaking means for press-breaking along the cut line the glass plate on which the cut line has been formed.

14. (Previously Presented) The glass-plate working apparatus according to claim 12, wherein said first and second removing means respectively have grinding wheels for grinding and removing the film layer on the glass plate, said grinding wheels being arranged on both sides of a path for transporting the glass plate by said transporting means.

15. (New) A method of removing a film layer on a glass plate, comprising the steps of:

disposing a first grinding wheel on one lateral side of a path through which a glass plate is transported,

disposing a second grinding wheel on another lateral side of said path,

moving said first grinding wheel in X and Y directions in a first region of the glass plate on said one lateral side of said path, while grinding and removing a film layer in said first region of the glass plate due to said first grinding wheel; and

moving said second grinding wheel in X and Y directions in a second region of the glass plate on another lateral side of said path, independently of moving said first grinding wheel in X and Y directions, while grinding and removing a film layer in said second region of the glass plate due to said second grinding wheel, concurrently with the grinding and removing of the film layer in said first region of the glass plate due to said first grinding wheel, said second region being different from said first region with respect to a place.

16. (New) The method of removing a film layer on a glass plate according to claim 15, including the steps of grinding and removing the film layer in said first region of the glass plate due to said first grinding wheel in accordance with at least one of area and shape of the film layer to be ground and removed in the first region of the glass plate, and time required for the grinding and removal of the film layer in the first region of the glass plate.

17. (New) The method of removing a film layer on a glass plate according to claim 15, including the steps of grinding and removing the film layer in said second region of the glass plate due to said second grinding wheel in accordance with at least one of area and shape of the film layer to be ground and removed in the second region of the glass plate, and time required for the grinding and removal of the film layer in the second region of the glass plate.

18. (New) The method of removing a film layer on a glass plate according to claim 15, wherein the area of the film layer to be ground and removed in the first region of the glass plate by said first grinding wheel, and the area of the film layer to be ground and removed in the second region of the glass plate by said second grinding wheel are substantially mutually identical.

19. (New) The method of removing a film layer on a glass plate according to claim 15, wherein the time required for the grinding and removal of the film layer in the first region of the glass plate and the time required for the grinding and removal of the film layer in the second region of the glass plate are substantially mutually identical.

20. (New) The method of removing a film layer on a glass plate according to claim 15, including determining a position at which the grinding and removal of the film layer in the first region of the glass plate is started by said first grinding wheel in accordance with a shape of the film layer in the first region of the glass plate, and determining a position at which the grinding and removal of the film layer in the second region of the glass plate is started by said second grinding wheel in accordance with a shape of the film layer plate in the second region of the glass plate.